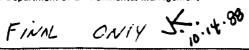


FINAL INCIDENT REPORT — EMERGENCY RESPONSE BRANCH

State Form 16107 (7-87)

Indiana Department of Environmental Management





	cement Co
SPILL RADIATION	Incident Number
FISH KILL AIR OTHER	8810027
Town	County
LOGINSPORT	CASS
Investigator	Report Date (Mo., day, yr.)
T. GROFFIN	10/12/78

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	x /	A-1688.00	AND THE PARTY OF T			REPORT	ING INFORMATION		April Jakobara Salah		• .
incident Date (inciden				Notification Date (Month, da	y, year)	Notification Ti	me word	
101	12/	16	//	1:30 AV	<u>シ</u>	РМ		<u>6</u>	12:30	AM	(PM)
Responsible P	arty /						Reported By				
	MA DITO	ENY	021	MENT	60						
Contact / Title				01 01			Organization				
Address (Steel	RIAN	GR	AF ,	LAN	CH.	27137	A d d = = = (0)				
V001622 (21166	i, city, sta	16, 21F COO	e) ·	e: 0			Address (Street, city, state, 2	•			
	3 PC	25	0574	<u>CR</u>	<u> 2 / 2</u>	<u>. W.</u>	Telephone Number (Include	NS PERT	/ <i>N</i>		
Contact / Title BRIAN GRAF PLANT CHEMIST Address (Street, city, state, ZIP code) 5 R 25 SOJU CR 275 LU Telephone Number (Include area code)							Telephone Number (Include	eree code)			
()							()				
1 - 1, Warkers, 1871.	nd all a se Tune	CONTRACTOR		aus Salibacias non richten d	5 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$0000000000000000000000000000000000000	•				
	one services		L SCENE					SOUP	ICE		
Ares Affected		(1)	Receiving 1	Water //a		egment	1. TranspRR	5. Industrial		. Municipal STP	
Site / Area Des	7	miles		<u> </u>	#	40	2. TranspTruck	6. Agricultur	al 🗆 1	0. Unknown	
Site / Alea Desi							3. TranspPipeline	7. Commerci	-	1. Other	
			E PA	ν	_		4. TranspBarge	🔲 6. Semi-Publ	<u>lc </u>	2. individual	
Photos Availab Type of Area:	le?		_ Yes		<u> </u>		To the manual control of the control				
			_					ESTIGATION F			
1. Resident			2. Com				1. DEM · ERB			. EPA 🔲 7. DEI	M · ERB
☑3. Industria	<u></u>	- l	4. Rura	<u> </u>			2. Other DEM Personne	I 🔲 4. County He	aith Dept. 🗹 6	. Other Fie	ld
-			11170040	4 DI 4 4 2 2 2	V	<u> ১৮পটোর</u> শ	Programme and the second secon	m	<u></u>		
Deserves		AIENIAL		ATION	1	4.75,79980370		CIRCUMS	`_	<u> </u>	
Product		en e /	GLS	4	<u> </u>	Ib Gal.	1. Equipment Failure			. Intentional Disc	harge
1. FUEL	<u> </u>	001		400		· ·	2. Transportation Accide	ent	□ €	. Miscelianeous	
2			\Box	_	_		3. Employee Error			. Unknown	
TLV	l. c.				0.0		4. Vandalism				
ILV	LEL		LD 50		Sp Gr	l	Fig. 19 to Aza Tita da Esta				_
Other informati								RONMENTAL			
Other informati		,	140	24			1. Water Quality Violation			. Undetermined	
1 . # 1,7 t	F. t.				The State of the contract	039900.13.22.C.	2. No Water Quality Violation				
							3. Fish Kill				
1. Petroleui			☐ 4. Misc.		7.		4. Fish Kill and Water Q	uailty Violation			
2. Acid/Ba			-	uitural Rela		ucts	Same Section and all Sections of the Control Sections of			of a Tables Selection and the selection	
3. Misc. Ch	emical		→ 6. Food	Related Pr	roduct		FISH KILL INFORMATION				
· Person of the con-	1.00		1. M1.005 D 4		J. V. 1882 100 0000		Stream / Lake	Тур	e of Pollution		
	LABO	HAIUHT					Specie / Number Killed	L_			
Test		•	Sample			ا ،	Specie / Number Killed				
Performed	1	2	3	4	5	- 6	Conservation Officer	_			
NH 3 · N mg/1		<u></u>					Conservation Officer				
BOD 5 mg/1	_		 	-			Day / Time of Cause	Tex		<u></u>	
pH		1	<u> </u>			-	Day / Time of Count	Stre	am Miles Affect	e a	
S Soilds mg/1		 	-	 							
T Solids mg/1		<u> </u>				 	Company to the present an armount of the two 1985 and				Contract of the C
Fecal DO mo/1	_	-	 	 			6	10 10 111			
DO mg/1		 	 		<u> </u>	+	Contractor		hod of Clean-up		
Temp. F° C°			 			1	hzspansiole		malan Granica 1		10: 3
LEL %	1.1.5	1	<u> </u>		<u> </u>		Method of Disposal	Qua	Intity Recovered	00	lb.
Spiller and / or		rts Attache	10 7	☐ Yes	N R	lo	Demodial Astina Befored to				(gal)
Copies sent to							Remedial Action Referred to:				
Dranged D.					<u></u>		Raviawad Bu			Data	
Prepared By	- /		• 7	1//	,		Reviewed By			Date	

	그렇게 되어 그렇게 있는 선생님이 하고 있는 생생님 그렇게 하는 것을 🖪	VOTIFICATION / CONTACTS	Park There and Thomas was a first to
	STATE POLICE		EALTH DEPARTMENT
Representative \(\lambda \sqrt{\lambda}	Date / Time:	Representative	EALTH DEPARTMENT
District	Phone:	Date / Time:	Phone:
	DIVIL DEFENSE	INDIANA DE	()
Representative	/.	Conservation Officer	PT. OF NATURAL RESOURCES
1/	<u> </u>		Date / Time:
Date / Time:	Phone:	District	Phone:
	EPA	POIS	ON CONTROL CENTER
Representative	1/A	Representative	OLA TEN
Date / Time:	Phone:	Date / Time:	Phone:
EID.	5.5554574577		(800) 382-9097
epresentative	E DEPARTMENT	LC	OCAL AUTHORITIES
		Representative / Title	
ate / Time:	Phone:	Date / Time:	Phone:
	()		(
		OTHER CONTACTO	
ame	Organization	OTHER CONTACTS Name	I Oraca I rail
Ideas /Charles and Time			Organization
dress (Street, city, state, ZIP c	code)	Address (Street, city, state, ZIP cod	(e)
elephone (Include area code)		Telephone (include area code)	
)		(
		NOTES	
<u></u>			
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NOT CIO RAN FRO Sump.	LET VALUE ON TO SUITE SUITE	TANKER STUCK AN LET WAIVE WAS CH CONCYSIE PAP WAR OUTH FROM TO FUSL AGENCY PERSONNEL	STERAGE.
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NOT CIO	LET VALUE ON TO SUITE SUITE	TANKER STUCK AN LET LAIVE LUAS CA CONCYETE PAP WAR OUM FRED TO FUEL AGENCY PERSONNEL Time:	Phone Number:
NOT CIO RAN FRO Sump, ne: narks:	LET VALUE ON TO SUITE SUITE	TANKER STUCK AN LET LAIVE LUAS CA CONCYETE PAP WAR OUM FRED TO FUEL AGENCY PERSONNEL Time:	Phone Number:
DUT KOT CIO RAN FRO SUMP. The inerial content of the content o	LET VALUE ON TO SUITE SUITE	TANKER STUCK AN LET LAIVE LUAS CA CONCYETE PAP WAR OUM FRED TO FUEL AGENCY PERSONNEL Time:	Phone Number:

• .

CERCLIS EXECUTIVE SUMMARY

EPA ID# IND	WINDSHIELD SURVEY YES X NO
Original Company Name	:_ Coplay Cement Company
Revised Company Name:	_
Alias Names:	Louisville Cement Company
Original Address Corrected	CR 225 S approx. 1/2 mile west of CR 275 W Logansport, IN 46947 Cass County 017 County Code 05 Cong. Dist.
Coordinates:	40 44' 20" Latitude <u>086 26' 00"</u> Longitude
	Clymers Quadrangle
Landfill X Transporter	Generator X Treatment, Storage, Disposal (TSD) Other:
PRIORITY ASSESSMENT:	X HIGH MEDIUM LOW NO FURTHER ACTION (NONE)
CLASS:I-STATE LEAD	II-REM/FIT LEAD III-REM/FIT LEAD X IV OTHER: State Accompanies Limited On-site RCRA FIT State Involvement
Priority X P	Justification and State Comments Regarding: ASIFollow-up SIRPSHRS
inated. Cleanup appe	posed of solvents from 1961-1980's into a partially lined Groundwater, soils and the settling basin are contamars to be inadequate. Use of process wastewater & soil for cement mixing may be improper.
	STATE INVOLVEMENT
C Preliminary Asses Responsi	sments Site Inspection follow-up Site Inspection ble Party Search Hazard Ranking System (HRS)
* COMPLETE DOCUMENTS	(C) REVIEW DOCUMENTS (R)
Prepared by: Mary An Activity Time: 23	ne Hunter Phone: 317/232-8928 Date: 2/11/88 Hours

ministration of the management of

ij

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IN 00508542

	PART 1 - SITE INFORM	ATION A	ND ASSESSME	NT LIN	<u>1 00508542</u>
II. SITE NAME AND LOCATION					
O1 SITE NAME (Legal, common, or descriptive name of site)		I O2 STRE	ET POUTENO OP O		
Coplay Coment C		102 01112	ET. HOUTE NO., OR S	PECIFIC LOCATION IDENTIFIE	R
Coplay Cement Company		CR 2	25 S Appro	ox. 1/2 mi west	of CP 275 tr
J	•	04 STATE	OS ZIP CODE O	COUNTY	107COUNTY108 CONG
Logansport 09 COORDINATES LATITUDE		IN	46947	Cass	CODE DIST
	LONGITUDE		<u> </u>	Cass	1017 05
40° 44' 20! N 10 DIRECTIONS TO SITE (Starting from nearest public road)	<u>086° 26' 00".W</u>	Cly	ners Quadra	angle	
SR 25 SW out of Loganspowest of CR 275 W on CR	ort to CR 275 W to 225 S.	urn no	rth to CR	225 S Rd. Sit	e is 1/3 mile
III. RESPONSIBLE PARTIES					
01 OWNER (# known)		02 STREE	T (Business, meiling, resid	dential)	
Coplay Cement Co.		1		_,	•
03 CITY		04 STATE	Box 659 05 ZIP CODE	06 TELEPHONE NUMBER	
Logansport	•				
07 OPERATOR (If known and different from owner)		IN	46947 T (Business, meiling, resid	(219)753-5121	James Boyles
same as above		JOOSINEE	t (Business, mailing, resid	lential)	
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
		ļ	•	()	
13 TYPE OF OWNERSHIP (Check one)		<u> </u>		<u> </u>	
🖾 A. PRIVATE 🗆 B. FEDERAL:	(Agency name)		C. STATE	□D.COUNTY □ E. N	
☐ F. OTHER:			- □ G. UNKNO		
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check	(Specify)				
A. RCRA 3001 DATE RECEIVED: ()] /	00 04	ED WAST	CITE		
IV. CHARACTERIZATION OF POTENTIAL	DAY YEAR			DATE RECEIVED:/	DAY YEAR C. NONE
01 ON SITE INSPECTION					
DI YES DATE 01,29,86 MONTH DAY YEAR	BY (Check all that apply) A. EPA B. EP	CONTRA	CTOR M.C.	STATE D.S. STATE	
NO MONTH DAY YEAR	☐ E. LOCAL HEALTH OFF	CIAL	F. OTHER: RC	STATE D. OTHE	R CONTRACTOR
	CONTRACTOR NAME(S):			(Specify)	niem.
02 SITE STATUS (Check one)	03 YEARS OF OPER				
Ø A. ACTIVE ☐ B. INACTIVE ☐ C. UN		<u> 1961</u>	Present	D UNKNOV	· ·
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESE	NT. KNOWN OR ALLEGED	EGINNING YE	R ENDING YEA	R	
solvents (toxic, persiste	4.	جي قرنوا	aste fuels		
heavy metals "	Mazar(LOUS W	aste Inels		
fuel " _PCB's "				*	
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRO	NMENT AND OR DO				
- I I I I I I I I I I I I I I I I I I I	MMENT AND/OH POPULATION				
groundwater (population)					
,					
V 200					
V. PRIORITY ASSESSMENT					
D1 PRIORITY FOR INSPECTION (Check one. If high or medium II A. HIGH	m is checked, complete Part 2 · Waste Inform	nation and Part	- Description of Hazardos	rs Conditions and Incidents)	
Unanaction married accounts	JM C. LOW on required) (Inspect on time a		D. NONE	clion needed, complete current dispo	eiting to
VI. INFORMATION AVAILABLE FROM			1		
OI CONTACT	02 OF (Agency/Organiza	tion)		<u> </u>	03 TELEPHONE NUMBER
Harry Atkinson Du. 711	THEM		•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
04 PERSON RESPONSIBLE FOR ASSESSMENT))	O5 AGENCY	06 ORGAN	IZATION	los vei conocier de la conocier de l	<u>`317' 232-8927</u>
Mary Anne Hunter	i i			07 TELEPHONE NUMBER	08 DATE 02 11 00
A FORM 2070 12/7 81)	IDEM	OSHWM		317,232-8928	02 ,11 ,88 MONTH DAY YEAR

	,	AF
No.	الزوال)	$D\Delta$
V		

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER

		PHELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION			01	STATE 02 S	ITE NUMBER	R	
II. WASTE	STATES, QUANTITIES, AN	ID CHARACTE	RISTICS	TIM ONIMATION					
01 PHYSICAL	STATES (Check all that apply)	02 WASTE QUAN	ITITY AT SITE	03 WASTE CHARACT	EDISTICS (C)				
LI B. POWDER, FINES LIST LIQUID TONS LIST C. SLUDGE LIST G. GAS CUBIC YARDS		s of waste quantities se indepandent)	X J A. TOXIC I I E. SOLUB I J B. CORROSIVE L J F. INFECT I J C. RADIOACTIVE 版 G. FLAMM X J D. PERSISTENT L H. IGNITAE		UBLE ECTIOUS MMABLE	JBLE X. I. HIGHLY VOLATILE CTIOUS LI J. EXPLOSIVE MABLE L. K. REACTIVE ABLE L. L. INCOMPATIBLE			
III. WASTE	(Specify)	NO OF DRUMS		<u> </u>			i M. NO	T APPLICAB	LE
CATEGORY									
SLU	SUBSTANCE N	AME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS				
OLW	OILY WASTE		 						
SOL	SOLVENTS		 						
PSD	PESTICIDES		20-60	drums	Dow Clean				
occ	OTHER ORGANIC CH		 		potential	ly mor	· e		
IOC	INORGANIC CHEMICA		 			<u> </u>			
ACD	ACIDS		 						
BAS	BASES		ļ						
MES	HEAVY METALS		 						
V. HAZARD	OUS SUBSTANCES (See App			<u></u>					
CATEGORY	02 SUBSTANCE NA	ME							
0CC	PCB		03 CAS NUMBER	04 STORAGE/DISP	OSAL METHOD	05 CONCENTRATION		06 ME/	ASURE O
SOL	Methylene chloride		 	spill		unk	unknown		cnowr
	1,1 dichloroeth			soil/groun	dwater	<u> </u>	86	ppm	ppt
	1.1 dichloroeth					0.59	40		1-5
	1,2 DCA	iane					90		
	1,1,1-TCA					0.31	65	\prod	TT
	TCE					1970	5600		\prod
	1,1,1,1-TCE					0.83	29		\prod
	Toluene					1496	1080	A	W
	Benzene			soil		pres	ent	Pp.	b
	Ethylbenzene			· · ·			·	44-	
	vinyl chloride					<u>\</u>		V	V
	chloroethane					11		pp	b
						<u> </u>		_ ppl	<u>b</u>
								┼	
								├	
FEEDSTOC	CKS (See Appendix for CAS Numbers)							<u></u>	
CATEGORY	01 FEEDSTOCK N	AME	02 CAS NUMBER	CATECORY					
FDS			- S. G. NOMBER	CATEGORY	01 FEEDSTO	CK NAME		02 CAS NI	UMBER
FDS				FDS					
FDS				FDS					
FDS				FDS FDS			I		
SOURCES	OF INFORMATION (Cité speci	fic references, e.g., siz	ale liles, semple analysis	703					
Coplay	Cement port Water Dept. iles			te Mental H	ealth Serv	ices			

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

		TIFICATION
01	STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS
01 () A GROUNDWATER CONTINUE
03 POPULATION POTENTIALLY AFFECTED: 1,000-5,000 04 NARRATIVE DESCRIPTION
Several areas of contomination
Several areas of contamination exist. See attachment.
Of D.D. Oliner on the Co.
01 D B. SURFACE WATER CONTAMINATION 02 DOBSERVED (DATE:) DOTENTIAL DALLEGED
04 NARRATIVE DESCRIPTION
Drainage chould be torred in
Drainage should be towards the north, northwest. Impact, if any, to the Wabash Rivis believed to be minimal. Surface intakes on the Fal Riv
is believed to be minimal. Surface intakes on the Eel River are not affected.
01 C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY ASSESSED 20, 000 UZ U OBSERVED (DATE
04 NARRATIVE DESCRIPTION DESCRIPTION
Emissions may result from use of bagardous and to the
at the temperatures needed for doctruction of it all waste is not burned
at the temperatures needed for destruction of the various compounds present.
01 図 D. FIRE/EXPLOSIVE CONDITIONS
US POPULATION POTENTIALLY ASSESSED 1 000 2 000 V2 U OBSERVED (DATE
Volatile organics procent in reach 5 d language DESCRIPTION
Volatile organics present in waste fuels & solvent used for degreasing may cause
fire/explosion to occur.
01 D E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: 02 D OBSERVED (DATE:
Site access to storage group to he
24 hrs/day.
24 hrs/day.
ALDE CONTRACTOR
01 ☐ F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: 25 04 NARRA POTENTIALLY AFFECTED: 25
OS AREA POTENTIALLY AFFECTED: 25 O4 NARRATIVE DESCRIPTION D POTENTIAL DALLEGED
Several areas of contamination exist. See attachment.
on the attachment.
At 520 DOUBLE
01 & G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: 1,000-3,000 02 包 OBSERVED (DATE:)
Residents (including Laws Classes of Alleged) Residents (including Laws Classes of Alleged) Residents (including Laws Classes of Alleged)
Residences (including Long (lift Hognital) are an analy
surface water. Company wells were contaminated.
company werrs were contaminated.
01 Ø H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY ASSESSED & Q U OBSERVED (DATE:
04 NARRATIVE DESCRIPTION
Employees were drinking contaminated water. Bottled water is now supplied by the
company. Bottled water is now supplied by the
company.
01 D I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY ASSECTED 20 000 02 U OBSERVED (DATE:
04 NARRATIVE DESCRIPTION
See A, C, D, F.



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~	الا وعدانا	<i>#</i>

POTENTIAL HAZARDOUS WASTE SITE

		IFICATION
01	STATE	02 SITE NUMBER

PRELI	MINARY ASSESSMENT	01 07475100	
PART 3 - DESCRIPTION OF	HAZARDOUS CONDITIONS AND INCIDENTS	01 STATE 02 S	ITE NUMBER
II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)		·	
01 □ J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	☐ POTENTIAL	
Total Control of the		LI FOIENIIAL	O ALLEGED
None reported.		•	
None reported.	•		
01 ☐ K. DAMAGE TO FAUNA	00 D 00000000		
04 NARRATIVE DESCRIPTION (Include name(s) of species)	02 D OBSERVED (DATE:)	☐ POTENTIAL	☐ ALLEGED
None reported			
	•		
01 01 000			
01 □ L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE:)	☐ POTENTIAL	
TANGETTE DESCRIPTION	(LI POTENTIAL	☐ ALLEGED
Area is rural.	•		
me to raray.	. · ·		
Of D M INCTAGE CO.	A		
01 M. UNSTABLE CONTAINMENT OF WASTES (Spilts/runofl/standing liquids/leaking drums)	02 D OBSERVED (DATE:)	COTEMEN	
03 POPULATION POTENTIALLY AFFECTED:		□ POTENTIAL	☐ ALLEGED
Presence of columnts in grounds	04 NARRATIVE DESCRIPTION		•
Presence of solvents in groundwa	ater indicate no containment.	See attac	hment.
_		-	
01 ☑ N. DAMAGE TO OFFSITE PROPERTY		- ·	
04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	Ø POTENTIAL	C corp
	· ·	M FOILHI	C ALLEGED
Wells sampled off-site are not o	and and and and		
ware company off offer are work	contaminated.		
			
01 D O. CONTAMINATION OF SEWERS STORM DRAINS, MAGE			
01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTF 04 NARRATIVE DESCRIPTION	Ps 02 DOBSERVED (DATE:)	□ POTENTIAL	☐ ALLEGED
		• =	C ALLEGED
None	•		
			•
	•	•	
01 □ P. ILLEGAL/UNAUTHORIZED DUMPING	02 D ORSERVED (DATE)		
04 NARRATIVE DESCRIPTION		POTENTIAL	☐ ALLEGED
Dumping of waste cleaning fluid	into the cump was not authori	1 11	_
contaminated water & soil for so	Thro the sump was not authors.	zed. Use o	of
contaminated water & soil for ce	ment mixing may be illegal.		
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLE	EGED HAZARDS		
•	•		
	•		
III TOTAL BOOM ATION			
III. TOTAL POPULATION POTENTIALLY AFFECTED: 2	0,000		
V. COMMENTS			
477			
All areas sampled are/were conta	minated		
1. lagoon (unlined)	4. garage		
2. fuel fank (was leaking) 3. solvent pit	4. Barage		
3. solvent pit			
/. SOURCES OF INFORMATION (Cite specific references, e. g., state Ides.	Pamole analysis		
	sample energy is, reports)		
See Part 2 VI.			

State Form 4336 0

DEPARTMENT OF ENVIRONMENTAL MENAGEMENT

INDIANAPOLIS

OFFICE MEMORANDUM

DATE:

March 31, 1988

TO:

Coplay Cement Company

Cercla, 3B file

THRU:

Harry Atkinson

FROM:

Mary Anne Hunter Mt

Site Investigation Section

SUBJECT: Attachment to Preliminary Assessment

Areas of contamination.

There are several areas of contamination which are/may continue to contaminate the groundwater. These are:

- Sump area. Although approximately 1.018 cubic yards of soil ٦. (with total volatile organics of 3,480 ppm) was removed, bedrock is contaminated with residual levels of solvents. In addition, results are not available regarding actual levels of volatiles in the soil because of the method of drilling. No samples were available to show that the area of contamination did not extend beyond the approximate 40' x 60' area excavated. The sump was used since 1961 to dump all solvents for degreasing. The sump is approximately 6 feet deep but did not have a liner in the bottom. This practice was discontinued in the 1980's.
- 2. Settling basin. The settling basin is 20 acres in size and is 20-30 feet below grade into the bedrock. Soil samples show that low levels of volatile organic contamination exist in the basin. This is not representative of actual conditions due to the number of samples taken. Migration of volatiles into the aquifer is highly probable.
- 3. Fuel oil. Although a leaking pipe was fixed & soil removed, analysis of samples to ascertain that all contamination was removed was not done. Analysis for fuel oil constituents did not appear to be done. In addition, low levels of volatiles are present in the soil. Migration into the aquifer of concern is likely. The tank sits on a sand & gravel base. In the future, deterioration of the tank may also cause groundwater contamination.
- Spill. In 1983, a PCB oil spill was reported. It was 4. apparently cleaned up but documentation is not available in State files.
- Prior oil spills may have occurred but were not reported. 5.
- 6. Low levels of contamination exist in the garage area soils. This probably indicates poor housekeeping practices in the past.

TO: HARRY ATKINSON, SECTION CHIEF DATE: 4/12/88

FROM: MARY ANNE HUNTER, ENV. SCI. IÌ

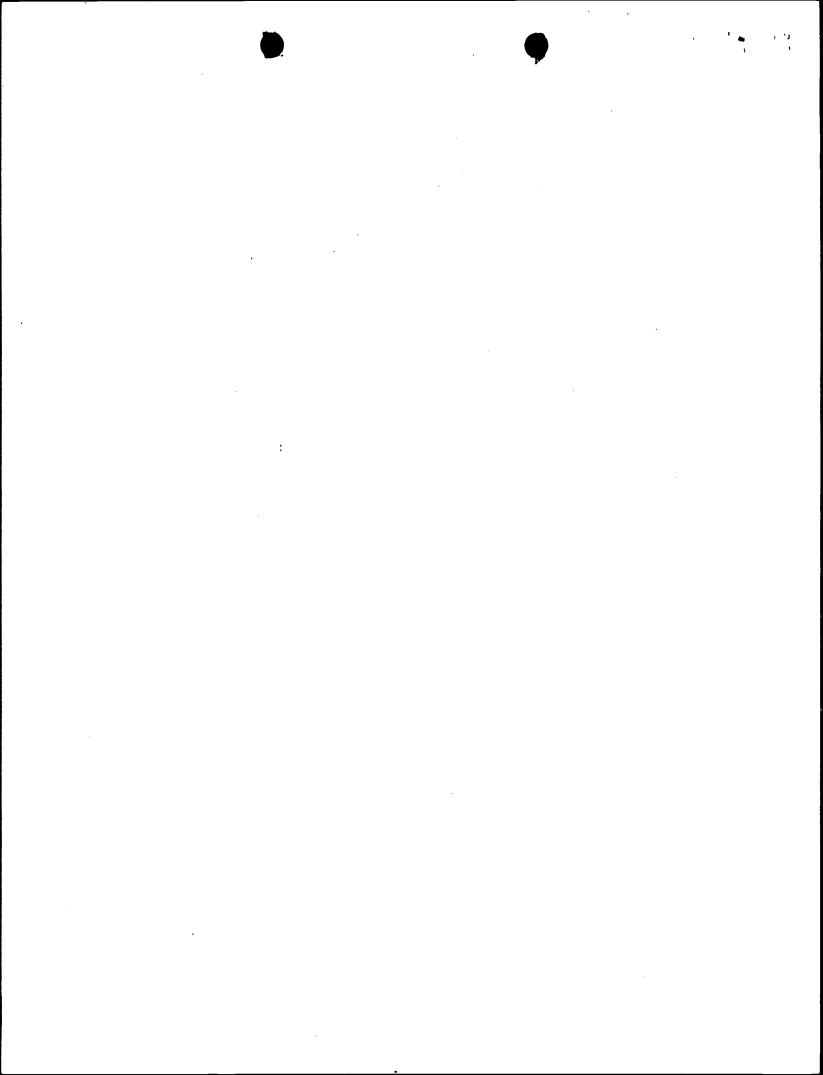
SUBJECT: DOCUMENTATION FOR COPLAY CEMENT PRELIMINARY ASSESSMENT (PA)

The information contained in the attachment to the preliminary assessment dated March 31, 1988 was derived from REFORT OF GROUND WATER CONTAMINATION COPLAY CEMENT COMPANY LOGANSPORT, INDIANA

and;

converstions relative to this document with Elaine Gregg of the OSHWM Engineering Section and Jeff Michael of the OSHWM Compliance Monitoring Section.

Also, I have typed up the telephone conversation that I had with Mr. Bayles of Coplay Cement in February of 1988. This document is now attached to the PA.



Coplay Cement Company Page 2 March 31, 1988

Reporting Requirements.

Coplay Cement did not report the release of contaminants to groundwater to the EPA, IDEM Emergency Response or NRC. Also, a 103 (c) notification was never submitted.

MAH/cls

TELEPHONE CALL REPORT

To: Coplay Cement File

Date: 2/10/88

3B, Logansport IN

From: Mary Anne Hunter

Site Investigation Section

Subject Discussed: Coplay Cement Environmental Problems.

Person Interviewed: Mr. James Bayles, Coplay Cement

219/753-5121

Mr. Bayles and I discussed the following information.

The settling pond is approx. 20 acres in size. There is an outfall to a creek and finally to the Wabash River. This pond is 20-30 feet below grade in depth and is in contact with the bedrock. The lagoon is stocked with fish.

The sump has been used to dump solvents for approx. 20 years. About 20 drums per year were dumped into the pond.

The Underground Storage Tank leaked prior to finding out about the sump area and the contaminated soil was cleaned up.

The above ground tanks are earthen with sand and gravel bases. They are about 8 years old.

Spill involving FCB's occurred due to a leak in a transformer. FCB is present in some of the waste fuel at a level of approx. 40 ppm.

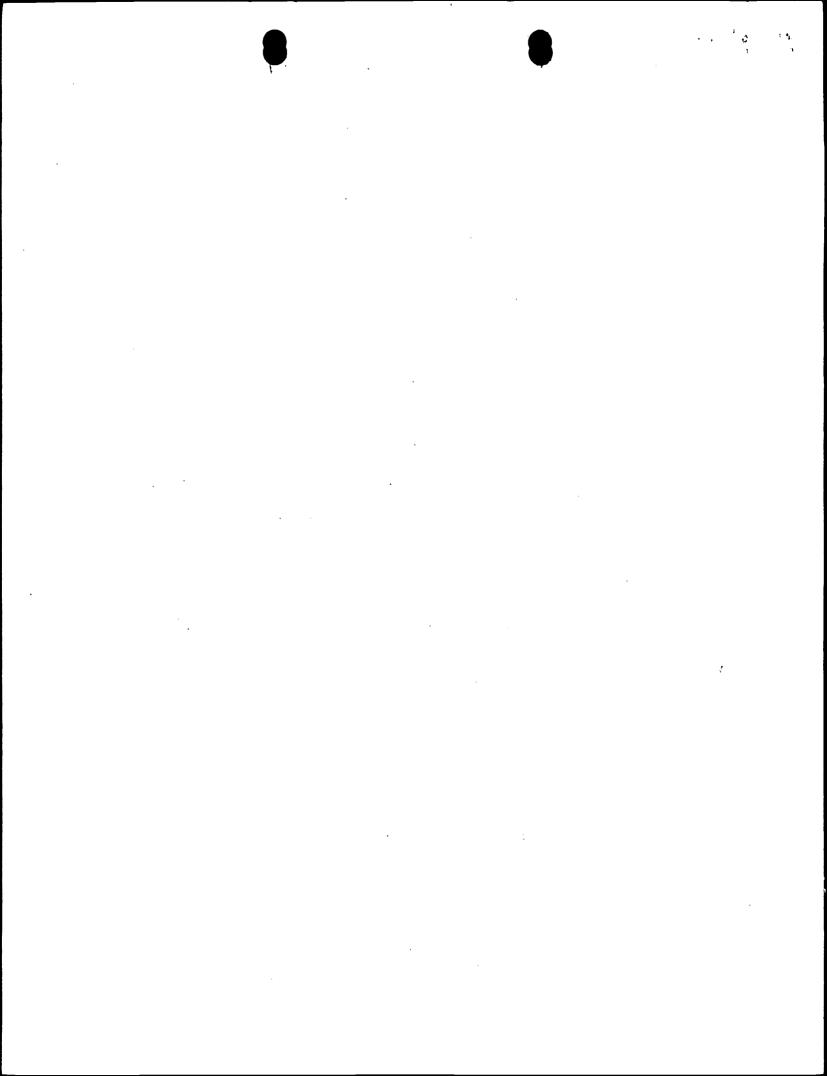
Tank sizes vary from 450-3,000 gallons. There are on earthen or gravel bases. At least one tank has been there since 1961.

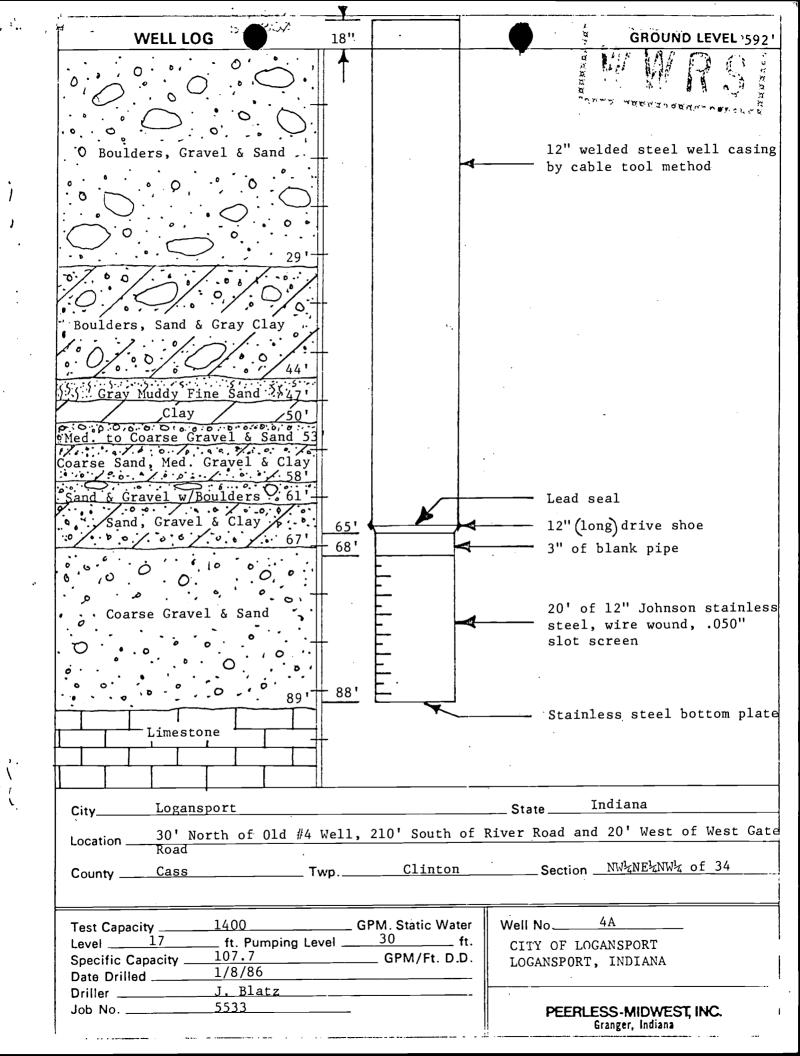
All drainage at the facility runs toward the settling basin.

Mr. Bayles and I discussed the presence of low levels of organics in the settling basin. This presents a possible source of continuing contamination since the bedrock is in contact with the bedrock.

Temperatures at the hot end of the kiln should be sufficient to destroy any volatile organics that may be present in the soil and water.

As





WATER WELL LOG

WATER WELL	106							
FORMATIONS (Color, type of material, hardness, etc.)	From	То]	ဂ္ဂ	<u> </u>	;	C	
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Med. to Coarse Gravel & Sand	50'	53 '	rificat			127	\ \ \	
Coarse Sand, Med. Gravel & Clay	531	58'	ion by		1/2			
Sand & Gravel with Boulders	58 '	61'	الم الم			7%		
Sand, Gravel & Clay	61'	. 67'	3,	Date	Date			
Coarse Gravel & Sand	67'	89 '	o l				TWP	
Limestone	89'	-			52		<u> </u>	
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vner <u>City Water Department</u>	Sec	tion		
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cation I agangment State Hospital				
From Land Description Logansport State Hospital From Street or Road 200' S. of 125 South & 880' Wes	st of West	engrance	Rd. to	Host
From Street or Road 200 B. Ox 249	FROM	NATURAL	GROUND	EVEL
	Depth to	Depth to Bottom of	Thickness of	Static Water
FORMATION FOUND — DESCRIBE FULLY	Top of Stratum	Stratum	Stratum	Level
	lo	1'	1'	
Top Soil		16'	15'	
Brown Clay with boulders	1			17
Sand and gravel and rocks	16	361	201	 _
Sand and gravel and locks	36	410	5'	
Gray Clay	41	431	21	
Sand and gravel		50'	71	
Muddy sand and gravel	43			1
Muddy sand and gravel with clay	50	591	91	
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FORMATIONS (Color, type of material	terial, hardness,	etc.) From	То	COUNTY: Topo Map: Well log Courthous Field loc Acc. w/o
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This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

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11-8-68

Date Completed



(Layne) NORTHER COMPANY W R S

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11	Owner City	To	wnship_	Clinton	ガ /
	<u> </u>	Se	ction		7
, Y	Location	Sto	ate!	<u> </u>	
10	From Land Description Approx. 200' S. of River Rd. From Street or Road 300' West of West Entrance Ro	d. to State	e Hospit	tal	
	Tom billook of Node				
		FROM Depth to	Depth to	GROUND	LEVEL
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•	Rotary Hole Grouted: Neat Cement Drilling Mud	Oth	er		
•	Casing 36 "OD From 1 "above ground to 59 feet beig	ow ground. W	eight <u>94•1</u>	Pound	ls per foo
1	Screen 20 "Set from 60 to 80 feet Make Cook	Type	S.S.	Slot#3	り
	Pumping test 800 GPM drawdown to feet after	<u></u>	_ hours pu	ımping	

Paul Wyatt

Driller ____.

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information it may be of great assistance in the planning and development of new water supplies.

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DEPARTMENT DEPARTMENT

DIVISION OF WATER

DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA

STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46209 MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Civil Township:
Congressional township: Range: Number of section:
(Fill in as completely as possible)
Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: Tomport Stele Hampelar Brunds
- Jast Hole Philles for Jugar Mother
- of Michanocke to the Course for June
136" Tueso 500 francy
Name of owner: City of Joganiport Address Loganiport Bruk
Name of Well Drilling Contractor: Achester Twill & Tremp Lenie
Address: Archeste Isl
Name of Drilling Equipment Operator: Julian fixed
INFORMATION ON THE WELL
Completed depth of well: 75 ft. Date well was completed: from 18-1968
Diameter of outside casing or drive pipe:
Diameter of inside casing or liner: Length:
Diameter of Screen:Length:Slot size:Slot size:
Type of Well: Drilled Gravel Pack Driven Other Test Holi techick Comme
Use of Well: For home For industry For public supply Stock
Method of Drilling: Cable Tools C Rotary Rev. Rotary Jet Driven C
Static water level in completed well (Distance from ground to water level) //- ft.
Bailer Test: Hours testedRateg.m. Drawdownft. (Difference between
Static level and water Pumping Test: Hours testedRateg.p.m. Drawdownft. level at end of test)
Signature June Buch
Signature

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

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DIVISION OF WATER INDIANA F NATURAL RESOURCES, STATE **DEPARTMEN** STATE OFFICE BUILDING

INDIANAPOLIS, INDIANA 46204 Telephone 633-5267 Area Code 317

WELL RECORD WATER

WELL LOCATION

(Fill in completely - Ref	er to instruction sheet)
County in which well was drilled Cass	Civil Township Clinton
Driving directions to the well location: Include County landmarks, etc.	Road Names, Numbers, Subdivision Name, lot number, distinctive
in mile north of junction state	road 25 and 200W
NAME OF WELL OWNER and/or BUILDING CONTRACT	CTOR
Well Owner Farm Bureau Co-Op	Address RR#2 Logansport,Indiana
Building Contractor	Address
Name of Well Drilling Contractor: Armstromg Well	Drilling
Address Box 345 Burlington, Indiana	· · · · · · · · · · · · · · · · · · ·
Name of Drilling Equipment Operator: Earl Ar	emstrong
WELL INFORMATION	
Depth of well:103ft Dat	e well was completed: 3-8-1974
Diameter of casing or drive pipe:5"	Total Length: 103ft
Diameter of liner (if used):	Total Length:
Diameter of Screen: Length:	Slot Size:
Type of Well: Drilled XX Gravel Pack	Driven Other
Use of Well: For Home For Industr	y x For Public Supply Stock
Method of Drilling: Cable Tools Rotary	Rev. Rotary
Static water level in completed well (Distance from groun	d to water level) 38ft feet
Bailer Test: Hours Tested 100	g.p.m. Drawdown ft. (Drawdown is the difference between static level and water
Pumping Test: Hours TestedRate	
S	Signature Jessell I Brooks
	Date 32-1974

WATER WELL LOG

WATER WELL LO	<u>. </u>		_
FORMATIONS (Color, type of material, hardness, etc.)	From	То	To CO
yellow clay	a_	16	COUNTY (CA): (COUNTY (CA): (CA
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gravel	45	-60	ficatio
grey clay	60	75 -	n by
gravel	75	103	
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DIVISION OF WATER RESOUR INDIANA DEPARTMENT OF CONSERVATION 609 STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46209 MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WEST

INFORMATION ON WELL LOCATION
County in which well was drilled: Civil Township:
Congressional township: Range: Number of section: (Fill in as completely as possible)
(Fill in as completely as possible)
Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: I mule West of Hospital on Black top Road,
Known as the Parter Farm - Logansport?
Name of owner: Poster Farm Address: Fager Part dud
Name of Well Drilling Contractor: Start Marie Ma
Address: 2316 monny It anderson elsel
Name of Drilling Equipment Operator:
INFORMATION ON THE WELL
Completed depth of well: 152 ft. Date well was completed:
Diameter of outside casing or drive pipe:
Diameter of inside casing or liner: Length: Length:
Diameter of Screen:Length:Slot size:
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For home For industry For public supply Stock
Method of Drilling: Cable Tools Rotary Rev. Rctary Jet Driven
Static water level in completed well (Distance from ground to water level)ft.
Bailer Test: Hours tested Rate Rate Drawdown ft. (Difference between
Pumping Test: Hours tested 4 Rate 2500g.p.m. Drawdown 2 ft. level at end of test)
$\mathcal{O}_{\mathcal{A}}$
Date Level 10 - 14
Date
FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION
County in which well was drilled: Civil Township:
Congressional township: Range: Number of section: (Fill in as completely as possible) Describe in your own words the well location with respect to nearby towns, roads, streets
O L II L
or distinctive landmarks: It W. of Rogansport
Name of owner: Cla Seybold Address:
Name of Well Drilling Contractor: Johnson
Address:
Name of Drilling Equipment Operator:
information on the well
Completed depth of well: 72 ft. Date well was completed: 10-29-55
Diameter of outside casing or drive pipe:Length:
Diameter of inside casing or liner: Length:
Diameter of Screen:Length:Slot size: 2'2"
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For home For industry For public supply Stock
Method of Drilling: Cable Tools C Rotary Rev. Rctary Jet C Driven C
Static water level in completed well (Distance from ground to water level)ft.
Bailer Test: Hours testedRateg.p.m. Drawdownft. (Difference between static level and water
Pumping Test: Hours testedRateg.p.m. Drawdownft. level at end of test)
Signature USIS
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FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

ATER WELL LOG		·
FORMATIONS (Color, type of material, hardness, etc.)	From To	COUNTY: Topo Ma Well lo Courtho Field l Acc. w/
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	·	Classified classified e located ated verification
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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

1	
County in which well was drilled: Civil To	wnship:
Congressional township: Range:	Number of section:
(Fill in as completely as possible)	
Describe in your own words the well location with respect to near	rby towns, roads, streets
or distinctive landmarks:	
<u> </u>	
Name of owner: <u>Alice Saybolt</u> Address: S	5W of Logansport
Name of Well Drilling Contractor: Johnson	
Address:	
Name of Drilling Equipment Operator:	
·	
INFORMATION ON THE WELL	
Completed depth of well: 72 ft. Date well was completed:	10-29-5-5
Diameter of outside casing or drive pipe:	ength:
Diameter of inside casing or liner:	ength:
Diameter of Screen:Length:S	lot size: # 20
Type of Well: Drilled	ther
Use of Well: For home For industry For public sup	ply Stock S
Method of Drilling: Cable Tools Rotary Rev. Retary	Jet Driven Driven
Static water level in completed well (Distance from ground to wa	ter level)ft.
Bailer Test: Hours tested Rate g.p.m. Drawdown	_ft. (Difference between
Pumping Test: Hours testedRateg.p.m. Drawdown	static level and waterft. level at end of test)
Signature_ Dulle	v
Date <u>Fall</u>	v
·	

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

FORMATIONS (Color, type of material, hardness, etc.)	From	То	COUNTY: Topo Map: Well log clas Courthouse lo Field located Acc. w/o veri
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DIVISION OF WATER DEPARTMENT F NATURAL RESOURCES, STATE STATE OFFICE BUILDING

Logansport #54

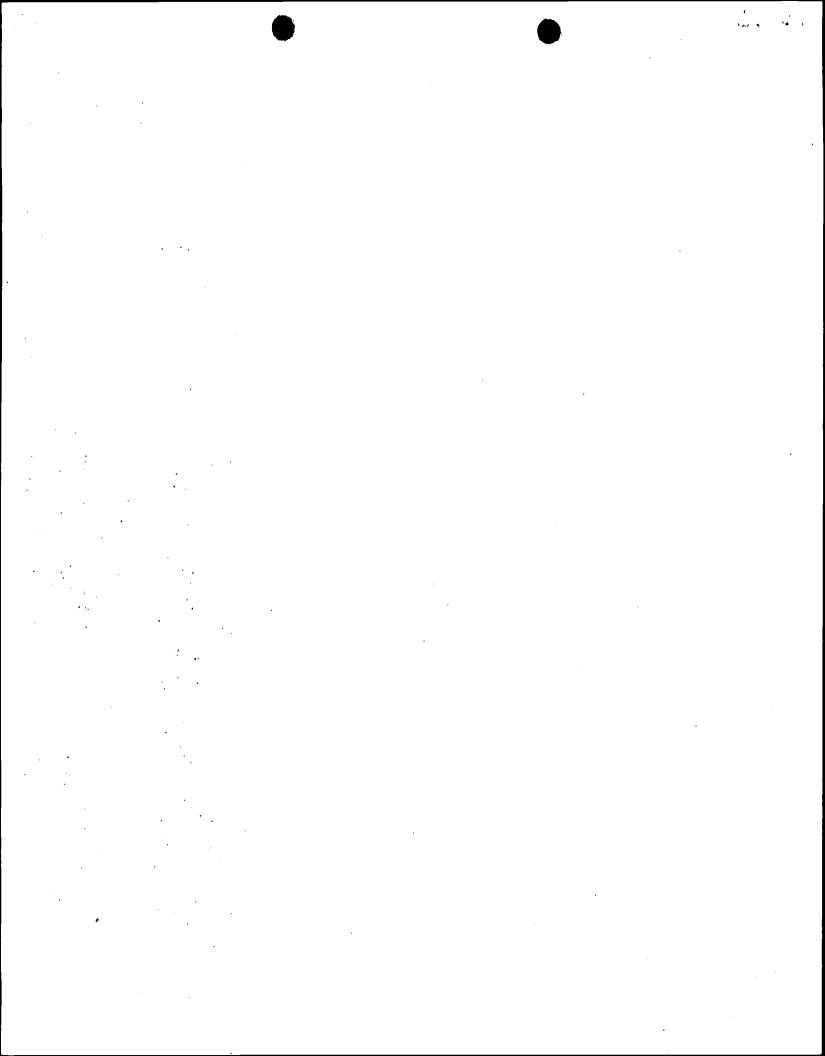
INDIANAPOLIS, INDIANA 46204 Telephone 633-5267 Area Code 317

WATER WELL RECORD

WELL LOCATION (Fill in completely - Refer to instruction sheet)
County in which well was drilled Character Civil Township Clinates Civil Township Clinates Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, distinction landmarks, etc.
S.E. CURNER, 375 WEST - 225 South
NAME OF WELL OWNER and/or BUILDING CONTRACTOR
Well Owner 15.0.5 Address
Building Contractor Address
Name of Well Drilling Contractor: 11.50.5
Address
Name of Drilling Equipment Operator: Well Palle & 8-2-76
WELL INFORMATION
Depth of well: Date well was completed: $10-1-75$
Diameter of casing or drive pipe: Total Length:
Diameter of liner (if used): Total Length:
Diameter of Screen: Length: Slot Size:
Type of Well: Drilled Gravel Pack Driven Driven Other
Use of Well: For Home For Industry For Public Supply Stock
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig Huge
Static water level in completed well (Distance from ground to water level) 11.4 10-1-7.5 fe
Bailer Test: Hours TestedRateg.p.m. Drawdownft. (Drawdown is the different between static level and wa
Pumping Test: Hours Tested Rate g.p.m. Drawdown ft.
Signature U.S.G.S

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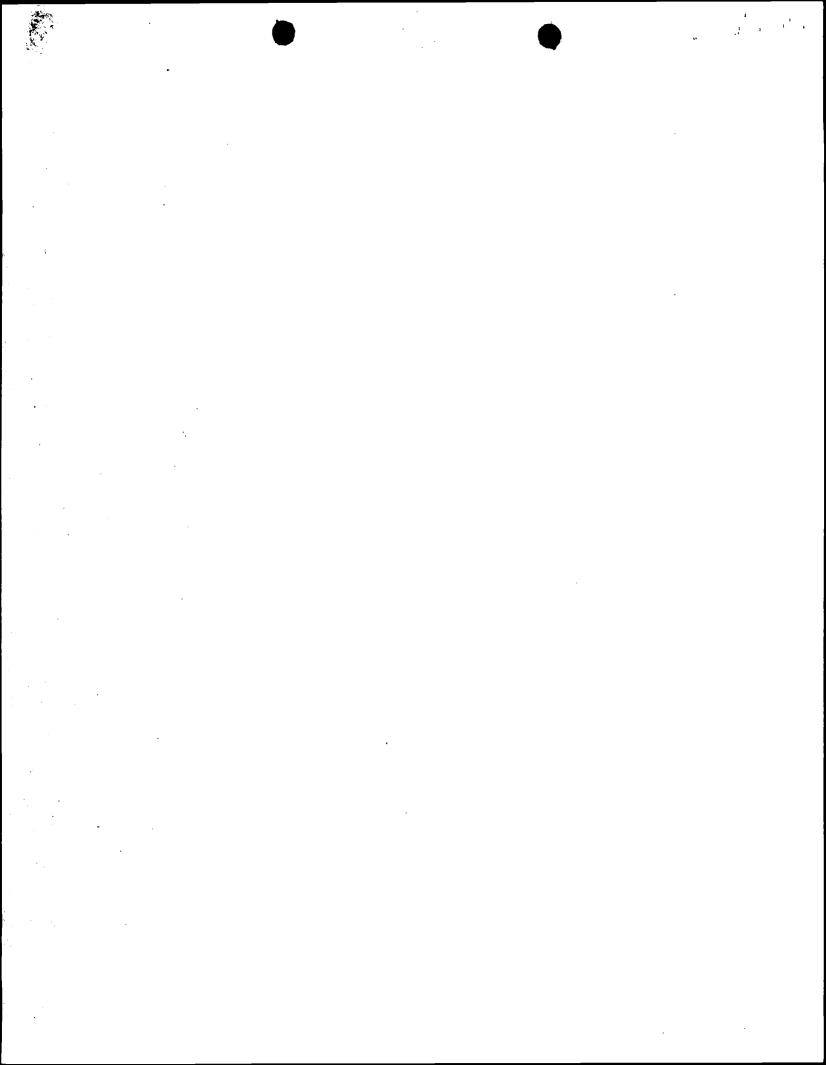
WATER WELL LO	G							
FORMATIONS (Color, type of material, hardness, etc.)	From	То	٤		Ŧ.	To	ନ୍ଥ	
Top soil or Clay	0	5	cation	urthou	Field Located	Topo Map.	COUNTY	
Soft SANdy alfy	5	9	accep	orj ast	cated			
Boulder OR GROVET, WET	CA	12	Location accepted w/o verification by	Courthouse Location	,		17	
Sand			o veri	By -	By (1	1
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Clay	13	24	n by _		þ	ľ		
DRILLING EASIER SAND	24	31			ľ			
GRAVEP 44 back to sand	31	53		Date _	Date S			
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Sand, Easy drilling	35	30			1 - R		Most	
BEDROLL	37				6		R	FOR /
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STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46204
Telephone 633-5267 Area Code 317

WATER WELL RECORD

WELL LOCATION (Fill in complete	ely - Refer to	instruction shee	et)			
County in which well was drilled Ca	se).	Civil Towr	nshin			>
Driving directions to the well location: Include landmark		Names, Numbers,	Subdivision	Name, lot	number,	distinctive
Loganoport	•					
· 0 .		 				
NAME OF WELL OWNER and/or BUILDING C	ONTRACTO				 	,
Well Owner Son geliff State	Hospitald	, . dress				
Building Contractor		•				
Name of Well Drilling Contractor <u>Sayne</u> -						
Address		•	•		•	
Name of Drilling Equipment Operator:						7
WELL INFORMATION		•				
Depth of well:175	Date wel	l was completed:	7/2	148		
Diameter of casing or drive pipe:	8"	Total Length:	65	/ ·	;	.
Diameter of liner (if used):		Total Length:	***************************************			*
Diameter of Screen: Length: _						
Type of Well: Drilled Gravel P			•	Other		
Use of Well: For Home For	r Industry	For	Public Supp	ly 🔲	Stoc	k 🔲
Method of Drilling: Cable Tools Ro	tary 🔲 R	ev. Rotary	Jet 🔲	Bucket F	≷ig □	
Static water level in completed well (Distance from	m ground to v	vater level)		30	o ·	feet
Bailer Test: Hours Tested Rate	g.p.m	Drawdown.	ft.	(Drawdo	own is the	
Pumping Test: Hours Tested Rate Pumping Test: Hours Tested Rate	g.p.m	Drawdown	ft.	between	static level end of test)	
	Signati	ire 4 %		r.		
	Data	7- 7	77	.(
	Date	re J Z/ 7-7- Copriso	l From	s ald	1 Les	
FOR WELL LOG SPACE	USE REVERS	SE SIDE OF TH	IS SHEET		0	



WATER WELL	LLOG		<u> </u>
FORMATIONS (Color, type of material, hardness, etc.)	From	То	COUNTY Topo Map Field Located Courthouse Lo Location accep
Soft blue " Clay	0	20	COUNTY COUNTY COUPLING Field Located By Courthouse Location By Location accepted w/o verification by
Soft blue	20	39	atted
Shavely Vine spale	39	54	cation C
//	54	64	By By
limestone!	64	173	ifficati
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Readis			ADMINISTR Well driller o
Remarks' Water timp. 55.50	- 		RGE.
35,5	. 		ATIV
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			fill out) Ft W of EL Ft N of SL Ft E of WL Ft S of NL
			ML ST Y
	-		$ \mathcal{C} $
			Ground Elevation Depth to bedrock Bedrock elevation Aquifer elevation
			Mu d Ele to be ck ele
			SEC SEC
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			Lot N
			Subdivision Name
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			Name
			. ! ! ! !



☐ TEST MISHAWA	ka, indiana			•	
□ PEST □ PERMANENT			Tob N	lo. #1109	52
VELL LOG No. 3 CITY Logansport				10 188	
wner Louisville Cement Co.			ountyC	linton	
MIGI MANSHE SEE COMMISSION OF THE PROPERTY OF					
001 (ction		
ocation 80° W. of Main ariveway -27° S					
From Land Descriptionft. East				Corner o	f Sect
From Street or Road					
		FROM	NATURAL	GROUND I	LEVEL
FORMATION FOUND — DESCRIBE FULLY		Depth to Top of Stratum	Depth to Bottom of Stratum	Thickness of Stratum	Stati Wate Love
Wellow Clay with sand and gravel	_	0	6	6	
Limestone		6	194	188	11
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12 inch diameter hole drille	d by 🔂 Cable Tool	☐ Rotar	y 🔲 Jettin	.g	
Pipe left in hole 71 6"				•	
te Started 3-19-64 Finished 4-10	-64 <u> </u>	Schoon			
	•		DRILLER	1	

J. Co.



LAYNE-NORTHERN CMPANY

ancorporated				
☐ TEST MISHAWAKA, INDIANA				
WELL LOG No. 2 CITY Logansport Owner Louisville Cement Co.	To	ountyC ownship ection	Toble (
Location	St	ateInd	iera	
From Land Description ft. East and From Street or Road 100° South west of stand pipe - 1	ft. No	orth of SW	/ Corner o	of Section.
	FROM	1 NATURAL	GROUND	LEVEL
FORMATION FOUND — DESCRIBE FULLY	Depth to Top of Stratum	Depth to Bottom of Stratum	Thickness of Stratum	Static Water Level
Dinne Tank				

		M NATURAL	GROUND	LEVEL
FORMATION FOUND — DESCRIBE FULLY	Depth to Top of Stratum	Depth to Bottom of Stratum	Thickness of Strutum	Static Water Lovel
Black Lirt	0 2 2			
Brown Clay	2	4	2	
Sand and Gravel		6	2	
Line Rock Hard	6	27	21	
Lime Rock little gypsum	27	36	9	
Hard Lime Rock Brown	36	134	98	
Crevice lost cuttings	134	136	-2	
Hard Lime Rock	136	155	19	4.
Muddy Lime Rock with Gypsum	155	205	50	
·		·		,
·				
Stopped in Muddy Rock	205			
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		ico Ico	1961	·
		35.	•	
			-	
inch diameter hole drilled by [3] Ca			<u></u> _]	

Date Started __3/10/61

Finished 4/10/61

Stillwell

DRILLER



☐ TEST MISHAWAKA, INDI	ANA				
☑ PERMANENT			Job N	lo. <u>M103</u> ,	18
WELL LOG No. 1 CITY Logansport		Co			
Owner Louisville Cement Company		To	wnship	Noble C	lite.
Speed, Indiana		Se	ction		
Location	4			ana	
From Land Descriptionft. East and		ft. No	rth of SW	Corner of	f Section
From Street or Road 570 North of East-West Cour					
600 East of North-South Cou	nty Road			GROUND	
FORMATION FOUND — DESCRIBE FULLY	1	opth to	Depth to Bottom of Stratum	Thickness of Stratum	Static Water Level
Clay Loam		0	1	1	
Clay (Yellow with Gravel)		1	17	16	
broken Linestone		17	20	3	
Clay (Grey with Broken Limestone)		20	27	7	
Limestone		27	250	223	121
port dispetel					
liter 25 philipstel					
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				,,	
Kenneth La app	20-254	4			
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somewhatpyrite dolonite-a	Colombi	S	,		
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, <u> </u>					
10 inch diameter hole drilled by € C Pipe left in hole 23 •	Cable Tool [Rotar	y 🗌 Jettii	ng	
1_0_61 .2_15_61		1.5			

Date Started 1-9-61

_____Finished 2-15-61

Ed. Mossman

DRILLER



INDIANAPOLIS . MISHAWAKA . LANSING

TEST .				Ioh No	M11809)
≯ PERMANENT	- Todiana		Cou	nty Ca	ss	
F PERMANENT WELL LOG No. 4 CITY Loganspor Owner Louisville Cement Co.	t, Indiana		Сои	ushin Cl	inton	
Owner Louisville Cement Co.			Sec	tion	5	
·			Bec	e Indi	ana	
ocation 550' W. of #2 well						
From Land Description						
From Street or Road						
			FROM		GROUND	LEVEL Static
FORMATION FOUND — DESCRIBI	E FULLY		Dopth to Top of Stratum	Dopth to Bottom of Stratum	Thickness of Stratum	Water Level
Clay	·		0	3	3	
Sand and Boulders			3	7	ļ	21
Lime stone			7 .	201	194	21
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	_xCable Too Reverse C	l — irculation	1	Rotary Bucl		_ Jetting _ Auger
" Casing From " a" a	nove ground to	ft. Tv	pe		_ Slot	
" Screen Set From	10			1 <i>1</i> £1		hours
Pumping Test GPM	at	ft. P	imping le	vel Aller		

DEPARTMEN Lugarsport

DIVISION OF WATER INDIANA F NATURAL RESOURCES, STATE STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204

Telephone 633-5267 Area Code 317

WELL LOCA	ATION (Fill.)	in completely - Refer to	instruction sheet)		
	th well was drilled(Include County Road landmarks, etc.	Civil Townsh Names, Numbers, S	ip <u>Clintor</u> ubdivision Name, lot	number, distinctive
225	5 South	at Approx.	450 WE.	sty som	thoside
·		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
NAME OF WEI	LL OWNER and/or BU	JILDING CONTRACTOR			
Well Ow	oner LISIGIS	Add	lress	·	
Building	g Contractor	Add	ress		
Name of Well D	rilling Contractor: <u>८</u>	15.6.5.	· .		
Address	·			 :	·
WELL INFO	24.1	Well Par 8-2- Date well	was completed:	10-2-	η5
Diameter of cas	ing or drive pipe: L	150	Total Length:		
		Length: 30+		Slot Size: ++-	DEAUX
Type of Well:	Drilled 🔀	Gravel Pack	Driven	Other	
Use of Well:	For Home	For Industry	For P	ublic Supply 🔲	Stock 🗌
Method of Drill	ing: Cable Tools	Rotary R	ev. Rotary 🔲 🔝	et Bucket I	Rig Auger
Static water leve	el in completed well (I	Distance from ground to w	vater level) <u> 8. O</u>	10-2-7	feet
Bailer Test:		Rate g.p		ft. (Drawd	own is the difference
Pumping Test:	•	Rateg.p		DCTWCCI	n static level and water end of test)
	. •	Signatu	are <u>U.S. G</u>	<u>.S.</u>	
		Date_	5-18-	76_	

WATER WELL LO

WATER WELL LO	<u> </u>							
FORMATIONS (Color, type of material, hardness, etc.)	From	То	[δ.	H	Ħ	ው	
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SANG G- GRAVE	77	24	epted	Locati	C .	1		L
BEDROCK	au	01	w/o	Courthouse Location By	h a	6	ASS	
Dean De-ri	34		Location accepted w/o verification by	¥	By _	1	N)	
	-	·	ation		W SAS	3000		
<u> </u>			by _		<u> </u>	٧		
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		<u>,</u>		Date	Date _			
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			Aquifer elevation	Bedrock elevation_	Depth to bedrock	Ground Elevation Lo. 90	SEC_	7
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			Lot Number	1			Subdivision Name	2
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							Name	

DIVISION OF WATER RESOURCES INDIANA DEPARTMENT OF CONSERVATION 609 STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46209 MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

INFORMATION ON WELL LOCATION
County in which well was drilled: Civil Township:
Congressional township: 27 h Range: 120 Number of section: 36
(Fill in as completely as possible) Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: Why Long Cliff 4 mi & S I'mi out
or distinctive landmarks: Wy Long Cliff 4 mi & S /mi out
Name of owner: Wm. Beyon #2 Address:
Name of Well Drilling Contractor: Johnson
Address:
Name of Drilling Equipment Operator:
INFORMATION ON THE WELL
Completed depth of well: 106 ft. Date well was completed: 9/16/55
Diameter of outside casing or drive pipe: Length:
Diameter of inside casing or liner: Length:
Diameter of Screen:Length:Slot size:
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For home For industry For public supply Stock
Method of Drilling: Cable Tools C Rotary Rev. Rctary Jet C Driven C
Static water level in completed well (Distance from ground to water level) 30 ft.
Bailer Test: Hours testedRate 60? g.p.m. Drawdownft. (Difference between
Pumping Test: Hours testedRateg.p.m. Drawdownft. level at end of test)
\cdot
Signature
Date

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

FORMATIONS (Color, type of material,	hardness,	etc.)	From	То	Court Field Acc.	Topo Well	COUNTY:	
						Map:	[Y:	
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					By By on By	13	É	
<u>, </u>								~
					Date. Date. Date.	Date	TWP &	FOR Well
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						60/		
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		•			e1ev	elevation to bedrock k elevation	½ SEC.	
REMARKS:					elevation	ound elevation_ pth to bedrock_ drock elevation	EC .	
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INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log.

Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204

Telephone 633-5267 Area Code 317

WELL LOCATION (Fill in completely - Refer to instruction sheet)	
County in which well was drilled Civil Township Civil Township	
Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, dis	
Lear actoring Rd & 580 Won n selo 7 Rol	
Giorgetoux Rd + 580 Won naclo J Royl	·
NAME OF WELL OWNER and/or BUILDING CONTRACTOR	
Well Owner Fred nettlewell Address KH	
Building Contractor Address	
Name of Well Drilling Contractor: Mass Well Drelling Suc	
Address Box 225 Galueston Indiana	
Name of Drilling Equipment Operator: Variet Mos	
WELL INFORMATION	
Depth of well: 991 Date well was completed: 6/6/73	•
Diameter of casing or drive pipe: 53/1611 Total Length: 221	
Diameter of liner (if used): Total Length:	
Diameter of Screen: Length: Slot Size:	
Type of Well: Drilled Gravel Pack Driven Driven Other	
Use of Well: For Home For Industry For Public Supply Stock	
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig	
Static water level in completed well (Distance from ground to water level)	feet
Bailer Test: Hours, Tested Rate g.p.m Drawdown ft. (Drawdown is the debetween static level a	
Pumping Test: Hours Tested Rate 60 g.p.m. Drawdown ft. between static level at end of test)	
Signature Latien man Le	
Data 6/9/23	

WATER WELL I	.og		
FORMATIONS (Color, type of material, hardness, etc.)	From	To	r c = = c
Sandy Clay	0	4	COUNTY Topo Map Field Located By Courthouse Location By Location accepted w/o verification by
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Lim e line a	13	90	pted
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			out) W S Ground Ele t W of EL. Ground Ele t N of SL. Depth to be t E of WL. Bedrock ele t S of NL. Aquifer ele
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	+	3	Subdivision Name
	+	· ;	n Nam
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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

THE OLD THE LOCATION
County in which well was drilled: Casa Civil Township:
Congressional township: 277 Range: 120 Number of section: 36
(Fill in as completely as possible) Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: Somansport & river Ed. below Long Cliff 4mi.
Cliff 4mi.
Name of owner: Wnu, Breyan #/ Address:
Name of Well Drilling Contractor:
Address:
Name of Drilling Equipment Operator:
INFORMATION ON THE WELL
Completed depth of well: 66 ft. Date well was completed: 2/5/5-3
Diameter of outside casing or drive pipe:
Diameter of inside casing or liner: Length:
Diameter of Screen:Length:Slot size:
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For home For industry For public supply Stock
Method of Drilling: Cable Tools C Rotary Rev. Rctary Jet C Driven C
Static water level in completed well (Distance from ground to water level) 36ft.
Bailer Test: Hours testedRateg.p.m. Drawdownft. (Difference between
static level and water Pumping Test: Hours testedRateg.p.m. Drawdownft. level at end of test)
Signature
; Date ·

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

FORMATIONS (Color, type of material, hardness, etc	.) From	То	Topo Map: Well log Courthous Field loc Acc. w/o	COUNTY:
Pock			Map: log hous log w/o	:
			classified se located sated verificati	
			classified se located sated verification	
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			The last	
	<u> </u>			T (W
			DateDateDateDate	FOR Well d
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				FOR ADMINISTRATIVE USE (Well driller does not fil
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			SI.	ed.
			Ground e Depth to Bedrock Aquifer	<i>y</i> -
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				SEC
REMARKS: Old dug well 42' deep put 4" insi	de			9
it, heavy sulphers			.30	
(hy house)			1 1 1 1 1	

R WELL LOG

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log.

Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA STATE OFFICE BUILDING

INDIANAPOLIS, INDIANA 46204

INDIANAPOLIS, INDIANA 40204

Telephone 633-5267 Area Code 317

WATER WELL RECOR

WELL RECORD

WELL LOCATION	(Fill in compl	etely - Refer to ins	truction sheet)		
County in which well well or Driving directions to the	ne well location: Includ		Civil Township nes, Numbers, Subdivi		
600	WES+, D	3 mi. 5	outh of s	50 Sout	- h
	side.				
		·			
NAME OF WELL OWN	NER and/or BUILDING				
	18.5.6.5.				
	actor				
	Contractor: U.S.				
· · · · · · · · · · · · · · · · · · ·	Somractor.	•			
Name of Drilling Equip	oment Operator:				<u>. </u>
WELL INFORMAT	ΓΙΟΝ		•		
Depth of well:		Date well wa	s completed:		
Diameter of casing or c	Irive pipe:	<i>:</i>	Total Length:	·	· · · · · · · · · · · · · · · · · · ·
Diameter of liner (if us	ed):		Total Length:		
Diameter of Screen: _	Length:		Slot S	ize:	
Type of Well: Drille	ed Grave	el Pack	Driven	Other	
Use of Well: For I	Home	For Industry 🔲	For Public	Supply	Stock
Method of Drilling:	Cable Tools	Rotary Rev.	Rotary Det Det	Bucket Rig	
Static water level in co	mpleted well (Distance	from ground to wate	r level)		feet
Bailer Test: Hour	s TestedRate	g.p.m.	Drawdown		is the difference
Pumping Test: Hour	s TestedRate	g.p.m.	Drawdown	_ ft. level at end o	cic level and water of test)
		Signature	4.5.6.5		
		Date	5-18-76	,	

WATER WELL LO	G			
FORMATIONS (Color, type of material, hardness, etc.)	From	То		O H H 60
Sand + GRADEL		5	ocatio	COUNTY Field Located Courthouse L
SANO 7 GRAVEL BEDROCK ?	<		n acc	/ fap ocate ouse I
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	<u>.</u>		Location accepted w/o verification by	EOUNTY CASS Topo Map S Field Located By Courthouse Location By
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DRUHOR			ation	
			by	
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			Aquifer elevation	LOG White SEC Ground Elevation Depth to bedrock Bedrock elevation
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				Ground Elevation S99 Depth to bedrock Bedrock elevation S87
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DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA

STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204 Telephone 633-5267 Area Code 317

WELL LOCATION (Fill in	completely - Refer	to instruction sheet)	
County in which well was drilled	Cass	Civil Townsl	nip
Driving directions to the well location:		oad Names, Numbers, S	Subdivision Name, lot number, distinctive R. 1W Sec. 36
120S 575W on N. side			<u> </u>
WELL LOC: 4 ft. W. & 25 ft	. N of NW Corner	of Camping Trail	er
NAME OF WELL OWNER 1/ PAIN	•	•	
Well OwnerEdward Dawso			van, Burrows, Indiana
Name of Well Drilling Contractor:			
Address	717 S Ms	lfalfa Road, Koko	
Name of Drilling Equipment Operator:		W., Steve B., Mik	e G.
WELL INFORMATION			·
Depth of well:	Date :	well was completed: _	Aug. 11, 1978
Diameter of casing or drive pipe: 4' 1	5" 160# PVC	Total Length:.	41 (Cemented)
Diameter of liner (if used):			
Diameter of Screen: I	ength:		Slot Size:
Type of Well: Drilled X			
Use of Well: For Home X	For Industry	For !	Public Supply Stock Stock
Method of Drilling: Cable Tools [Rotary X	Rev. Rotary	Jet Bucket Rig
Static water level in completed well (Di	stance from ground	to water level)	feet
Bailer Test: Hours Tested	_Rate	g.p.m. Drawdown_	
Pumping Test: Hours Tested Air Surged 1½ hrs. Before Su	Rate $\frac{25}{\text{rged } 1\frac{1}{2} \text{ gpm}}$	_g.p.m. Drawdown_	between static level and water level at end of test)
Acidize $9\frac{1}{2}$ Cbys. Cemented	Sig	nature <u>Orl</u>	15, 1978
	Da	teAug. :	15, 1978

WATER WELL LOG

WATER	WELL LOG		<u> </u>					
FORMATIONS (Color, type of material, hardness, etc.)	From	To		S	<u> </u>	,	0	
brown clay	0 .	4	catio	ourtho	eld L	Topo Map	COUNTY	!
gray limestone with clay	4	24	n acce	Courthouse Location By	Field Located	lap	7	
gray limestone	24	182	pted	ocatio	_			
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			Aquifer elevation	Bedrock elevation_	Depth to bedrock	Ground Elevation	x 7	
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DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204

Telephone 633-5267 Area Code 317

RECORD WATER WELL

VELL LOCATION	ON (Fill in	completely - Refer	to instructi	ion sheet)		War.	159535950
County in which we	ell was drilled	Çass	Ci	ivil Townshi _l	Jeffer		
Oriving directions to		Include County R	oad Names,	Numbers, Sul	bdivision Na	me, lot numb	
Vorner of 150S	and 600W NW Cor	ner		<u>-//</u>			
:							
Well Owner	Dave Forgey	JOE CARE	Address RR				ana ———
J							
Name of Well Drilli		1 & Sons Water S					
Address		East Canal Str		ndiana 46	5970		· · · · · · · · · · · · · · · · · · ·
Name of Drilling E	quinment Operator	:Dalton DAvis	· 				
Name of Dinning D	quipment operator					4	•
WELL INFORM	IATION		,				
Depth of well:	144.	Date	e well was co	mpleted: 22	Septemb	er 1975	
Diameter of casing		•		•		· ·	
		· · · · · · · · · · · · · · · · · · ·	Tot	al Length:			
		Length:					
		Gravel Pack				Other	
	For Home XX	For Industr			ublic Supp	ly 🔲	Stock 🗀
Method of Drilling		Rotary XX	Rev. Rot	tary 🗌	Jet 🗌	Bucket Rig	
Static water level is	n completed well (I	Distance from groun	d to water le	evel)	17.		fee
Bailer Test:	Hours Tested	Rate	g.p.m. I	Drawdown_	ft.	•	is the difference tic level and water
Pumping Test: I	Hours Tested	Rate 15 G	٠.	Drawdown	ft.	level at end	of test)
				22 Septem	der 1975		7

WATER WELL LOG

WATER WELL I	roc	· .	
FORMATIONS (Color, type of material, hardness, etc.)	From	То	Co Fig.
Clay	0	.4	COUNTY CASS Topo Map CASS Field Located By AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Gravel	4	22	ap cated
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	65	2	Subdivision Name
Contract of the second	18		ision l
	12.11		Name

IVISION OF WATER RESOURCE INDIANA DEPARTMENT OF CONSERVATION 311 WEST WASHINGTON STREET INDIANAPOLIS, INDIANA

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Cass Civil Township: Noble
Congressional township: 27N Range: IE Number of section: (Fill in as completely as possible)
Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: West of Logansport 3 miles on Highway 24,
north side of road
<u> </u>
Name of owner: Max Dunn Address: R. #6, Logansport, Ind.
Name of Well Drilling Contractor: J. B. Ortman & Sons
Address:R. #1, Kokomo, Indiana
Name of Drilling Equipment Operator: Earl Armstrong
INFORMATION ON THE WELL
Completed depth of well: 139 ft. Date well was completed: Sept. 10, 1360
Diameter of outside casing or drive pipe: 4" galv. Length: 21'
Diameter of inside casing or liner: Length:
Diameter of Screen:Length:Slot size:
Type of Well: Drilled X Gravel Pack Driven Other
Use of Well: For home For industry For public supply Stock Stock
Method of Drilling: Cable Tools & Rotary Rev. Rotary Jet Driven
Static water level in completed well (Distance from ground to water level)5lft.
Bailer Test: Hours tested $\frac{1}{2}$ Rate $\frac{15}{2}$ g.p.m. Drawdown $\frac{14}{2}$ ft. (Difference between
static level and water Pumping Test: Hours tested 2 Rate 20 g.p.m. Drawdown 32 ft. level at end of test)
Signature Richard K. Ontman Date
Date $\frac{10-12-60}{10-12}$

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log.

Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204 Telephone 633-5267 Area Code 317

WELL LOCATION (Fill in completely - Refer to instruction sheet)
County in which well was drilled CASS Civil Township Civil Townshi
5. RIDER Rd A+ Approx. 475 West, north side
NAME OF WELL OWNER and/or BUILDING CONTRACTOR
Well Owner Address
Building Contractor Address
Name of Well Drilling Contractor: 4 5 6 5
Address
Name of Drilling Equipment Operator:
WELL INFORMATION Well Pulled 8-2-76
Depth of well: 9.10 Date well was completed: 0 d.t. 1975
Diameter of casing or drive pipe: Total Length:
Diameter of liner (if used): Total Length:
Diameter of Screen: Length: 3ft Slot Size: #50 Controls.
Type of Well: Drilled 🛛 Gravel Pack 🔲 Driven 🔲 Other
Use of Well: For Home For Industry For Public Supply Stock
Method of Drilling: Cable Tools 🗌 Rotary 🔲 Rev. Rotary 🔲 Jet 🔲 Bucket Rig 🔲 A ゅうにん
Static water level in completed well (Distance from ground to water level) 8.8 10-75 fee
Bailer Test: Hours TestedRateg.p.m. Drawdownft. (Drawdown is the difference
Pumping Test: Hours TestedRateg.p.m. Drawdownft. between static level and wate
Signature U.S.C.,
5-18-110

WATER WELL LO

WATER WELL LO	OG .		
FORMATIONS (Color, type of material, hardness, etc.)	From	То	T C H H O
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NATURAL RESOURCES, STATE (
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46204
Telephone 633-5267 Area Code 317

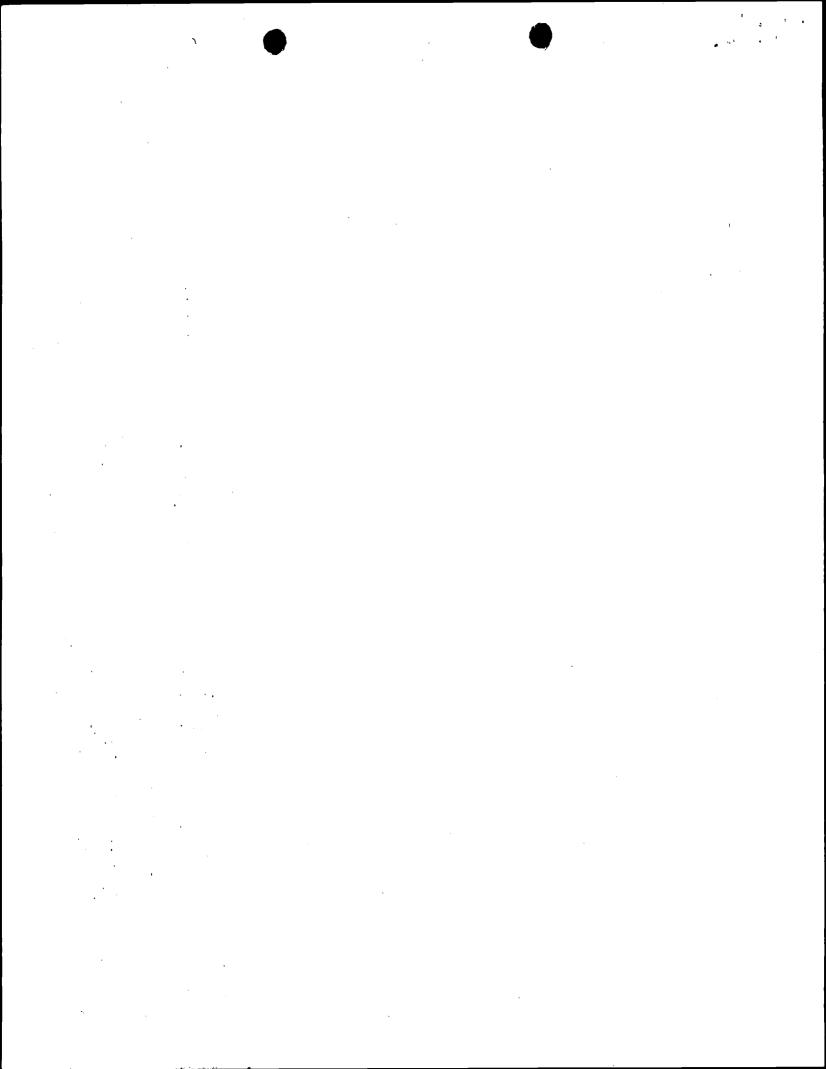
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WELL LOCATION (Fill in completely - Refer	to instruction sheet)
County in which well was drilled A S.S	Civil Township
Driving directions to the well location: Include County R landmarks, etc.	oad Names, Numbers, Subdivision Name, lot number, distinctive
S. RIDER Rd. A+ Appro	x. 425 WEST, north Side
<u> </u>	
NAME OF WELL OWNER and/or BUILDING CONTRACT	
Well Owner (1 5.0.5	Address
Building Contractor	Address
Name of Well Drilling Contractor: <u>U.S.G.S.</u>	
Address	
Name of Drilling Equipment Operator:	· · · · · · · · · · · · · · · · · · ·
WELL INFORMATION	
Depth of well: Date	well was completed:
Diameter of casing or drive pipe:	Total Length:
Diameter of liner (if used):	Total Length:
Diameter of Screen: Length:	Slot Size:
Type of Well: Drilled Gravel Pack	
Use of Well: For Home For Industry	
Method of Drilling: Cable Tools Rotary	Rev. Rotary
Static water level in completed well (Distance from ground	to water level)feet
Bailer Test: Hours TestedRate	
Pumping Test: Hours TestedRate	_g.p.m. Drawdown ft. between static level and water level at end of test)
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FORMATIONS (Color, type of material, hardness, etc.)	From	To	ا ا	5	Ŧ.		2	
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STATE ÖFFICE BUILDING
INDIANAPOLIS, INDIANA 46204
Telephone 633-5267 Area Code 317

County in which well was drilled	'nso		Carlor					
Driving directions to the well location:	Include County landmarks, etc.							distincti
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NAME OF WELL OWNER and/or BUI			•		,	•		
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Building Contractor		_ Addre	ss					
Name of Well Drilling Contractor:	· · · · · · · · · · · · · · · · · · ·		,				· · · · · · · · · · · · · · · · · · ·	<u> </u>
Address								
Name of Drilling Equipment Operator:								
WELL INFORMATION								
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Depth of well:				d:	•			` `
Diameter of casing or drive pipe:		·	Total Leng	th:				
Diameter of liner (if used):			Total Leng	th:				
Diameter of Screen: I								
Type of Well: Drilled	Gravel Pack						·	
Use of Well: For Home	For Indust	ry 🗌	F	For Public Su	ipply []	Sto	ck 🔲
Method of Drilling: Cable Tools	Rotary	Rev		Jet 🗌	•		Rig 🔲	
Static water level in completed well (Di	stance from groui	nd to wat	er level)		30		·	fee
Bailer Test: Hours Tested						Drawd	lown is th	ie differenc
Pumping Test: Hours Tested	,				U	etwee	n static lev end of test	el and wate
	:	Signature	J/	4711	<u> </u>	· -		
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FORMATIONS (Color, type of material, hardness, etc.)	From	To			
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			Lot Number		Subdivision Name
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STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204 Telephone 633-5267 Area Code 317

WELL LOCATION (Fill in completely - Refer to instruction sheet)	
County in which well was drilled County Road Names, Numbers, Subdivision Name lot number diet	•
Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, dist	inctiv
Logansport - State Hospital	
NAME OF WELL OWNER and/or BUILDING CONTRACTOR	
Well Owner Address	
Building Contractor Address	
Name of Well Drilling Contractor: Layne Northern & J.H. Willhaime	
Address	
Name of Drilling Equipment Operator:	· -
WELL INFORMATION	
Depth of well: 158 Date well was completed:	
Diameter of casing or drive pipe: 10^{11} Total Length: 95^{1}	\
Diameter of liner (if used): Total Length:	
Diameter of Screen: Length: Slot Size:	
Type of Well: Drilled Gravel Pack Driven Other	
Use of Well: For Home Tel For Industry For Public Supply Stock [_
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig	
Static water level in completed well (Distance from ground to water level)	_feet
Bailer Test: Hours TestedRateg.p.mDrawdownft. (Drawdown is the diff	
Pumping Test: Hours Tested Rate 300 g.p.m. Tuhb'i nepumps between static level and level at end of test)	water
Signature JHII	
Date 7-77 Record di SST Card fo	le \

WATER WELL LOG

WATER WELL, LO	Ų	• .						
FORMATIONS (Color, type of material, hardness, etc.)	From	To	7			7	_	
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300 gpm Turbine Dumas			Location accepted w/o verification by	Courthouse Location By	Field Located	dep	オー	
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DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OFFICE BUILDING

STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204

Logansport # 65

Telephone 633-5267 Area Code 317

WELL LOCATION (Fill in completely - Refer to instruction sheet)
County in which well was drilled CPSS Civil Township E Include County Road Names, Numbers, Subdivision Name, lot number, distinctive landmarks, etc.
W. WHOASH AUE. At APPROX. 150 WEST, north side
NAME OF WELL OWNER and/or BUILDING CONTRACTOR
Well Owner / 1.5 C.5 Address
Well Owner 71.5 Ca. Ca. Address
Building Contractor Address
Name of Well Drilling Contractor:
Address
Name of Drilling Equipment Operator:
WELL INFORMATION
Depth of well: Date well was completed:
Diameter of casing or drive pipe: Total Length:
Diameter of liner (if used): Total Length:
and the second s

Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For Home For Industry For Public Supply Stock
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig
Static water level in completed well (Distance from ground to water level)feed
Bailer Test: Hours TestedRateg.p.m. Drawdownft. (Drawdown is the difference between static level and water level and of toes)
Pumping Test: Hours TestedRateg.p.m. Drawdownft. level at end of test)
Signature U.S. C.S.
Date 5-18-76

WATER WELL LO	G		
FORMATIONS (Color, type of material, hardness, etc.)	From	То	To Fi Co
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FOR ADMINISTRATIVE USE ONLY (Well driller does not fill out)

Lugansport# 65

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INDIANAPOLIS . MISHAWAKA . LANSING

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	Sec	tional.		
ocation	Sto	teInd	iana	<u>-</u>
From Land Description 250' S. of River Road N. of St	tate Hosp	ital	<u> </u>	
From Street or Road 825 W. of West Entrance Rd.				
	FROM	NATURAL	GROUND	LEVEL
FORMATION FOUND — DESCRIBE FULLY	Oepth to Top of Stratum	Oepth to Bottom of Stratum	Thickness of Stratum	Static Water Level
Top Soil	0	1	.1	16
Boulders	11	36	35_	_
Clay	36	37	1	_
Fine Sand	37	_57	20	-
Clay	57	60	3	
Coarse Gravel	60	82	22	
Lime Stone	82			
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Reverse Circ. X Bucket	Auger_		_	
otary Hole Grouted: Neat Cement Drilling Mud	Oth	er		
asing 36 "OD From 0 "above ground to 60 feet below				
creen <u>12</u> "Set from <u>61</u> to <u>81</u> feet Make <u>Cook</u>	Type	S.S.	Slot	#35

Paul Wyatt

FORMATIONS (Color, type of material, har	dness, etc.)	From	То	COUNTY: Topo Map: Well log cl Courthouse Field locat Acc. w/o ve
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	6	A G	355	₹ SEC evation_ bedrock_ levation levation
REMARKS:	4	20 th	<u>}</u> .	
·	5.	200	7	
<u> </u>	(of the		
	INSTRUCTIONS	, , , , , , , , ,	Kudu Kudu Kudu Kudu Kudu Kudu Kudu Kudu	Je gan ga
This Water Well Record form is design	and to recor	₩	t acconti	al data concerning a

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log.

Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

could not determine exact location



INDIANAPOLIS . MISHAWAKA . LANSING

₹ TEST PERMANENT	Job No. 12278 County Cass Township Clinton Section					
VELL LOG No. 68B CITY Logansport						
)wnerCity Water Department						
	<u> </u>	Sec	tion			
ocation	_			na		
From Land Description Logensport State Hospital	Et -C	000 1				
From Street or Road 500' South of 125 S. of 475	rast or	200 n	<u>esc</u>			
		FROM	NATURAL	GROUND I	EVEL	
FORMATION FOUND — DESCRIBE FULLY	1	epth to Top of tratum	Depth to Battom of Stratum	Thickness of Stratum	Static Water Level	
Top Soil		0	יו	1'		
Brown Clay and Rocks		1	51	4.		
Lime Stone	· -	5	251	201	5'	
Stopped here						
		_				
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				<u> </u>	<u> </u>	
Hole		Jetting				
Reverse Circ Bucket		Auger				
Rotary Hole Grouted: Neat Cement Drilling Mud pulled out Casing "OD From "above ground to fe	et below arc	O# ound. W	ner /eight	Poun	ds per f	
Casing "OD From to feet Make	J. 201011 914	T	3 — <u>—</u>	Slot	•	

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INSTRUCTIONS

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